



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5493

SERIAL NUMBER 10/649,119	FILING DATE 08/26/2003 RULE	CLASS 365	GROUP ART UNIT 2824	ATTORNEY DOCKET NO. 2808P
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

APPLICANTS

Paul P. Nguyen, San Jose, CA;
 Yiming Huai, Pleasanton, CA;

** CONTINUING DATA ***** *None TL*

** FOREIGN APPLICATIONS ***** *None TL*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **
 ** 11/17/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY CA	SHEETS DRAWING 11	TOTAL CLAIMS 48	INDEPENDENT CLAIMS 5
---	---	---------------------------	-------------------------	-----------------------	----------------------------

Verified and Acknowledged
 Examiner's Signature *[Signature]* Initials *TL*

ADDRESS
 SAWYER LAW GROUP LLP
 P.O. Box 51418
 Palo Alto, CA
 94303

TITLE
 Magnetic memory element utilizing spin transfer switching and storing multiple bits

FILING FEE RECEIVED 711	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____
-----------------------------------	---	--